

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2004/027588

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B29C45/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B29C B60R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 846 583 A (MITSUBISHI MOTORS CORP) 10 June 1998 (1998-06-10) figures 3-8 column 3, line 56 - column 4, line 40 column 6, line 16 - column 8, line 58 -----	1-10, 20-23, 30-32
X	US 5 618 485 A (GAJEWSKI GERARD H) 8 April 1997 (1997-04-08) figures 1,3-15 column 4, line 27 - column 7, line 9 claims 1,2 ----- -/--	1-10, 15-17, 20-23, 27-32

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

17 January 2005

Date of mailing of the international search report

24. 05. 2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>PATENT ABSTRACTS OF JAPAN vol. 2002, no. 11, 6 November 2002 (2002-11-06) -& JP 2002 187166 A (IDEMITSU PETROCHEM CO LTD; NGK INSULATORS LTD), 2 July 2002 (2002-07-02) abstract; figures 1a-1d,2a-2c,3,5a-5d</p>	<p>1-14, 20-26, 30-32, 38-41</p>
X	<p>PATENT ABSTRACTS OF JAPAN vol. 2000, no. 11, 3 January 2001 (2001-01-03) -& JP 2000 210978 A (NISHIKAWA KASEI CO LTD), 2 August 2000 (2000-08-02) abstract; figures 1a-1d,2,3</p>	<p>1-10, 15-17, 20-23, 27-32</p>
X	<p>PATENT ABSTRACTS OF JAPAN vol. 2000, no. 24, 11 May 2001 (2001-05-11) -& JP 2001 191361 A (KONAN TOKUSHU SANGYO KK), 17 July 2001 (2001-07-17) abstract; figures 1,4-9</p>	<p>1-14, 20-26, 30-32, 38,39,41</p>

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2004/027588

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0846583	A	10-06-1998	JP 3127830 B2	29-01-2001
			JP 10006770 A	13-01-1998
			DE 69732952 D1	12-05-2005
			EP 0846583 A1	10-06-1998
			WO 9749569 A1	31-12-1997
US 5618485	A	08-04-1997	US 5458361 A	17-10-1995
JP 2002187166	A	02-07-2002	NONE	
JP 2000210978	A	02-08-2000	NONE	
JP 2001191361	A	17-07-2001	NONE	

INTERNATIONAL SEARCH REPORT

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PCT/US2004/027588

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-17, 20, 21, 22-32, 38-43

Remark on Protest

☐ The additional search fees were accompanied by the applicant's protest.

☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-17,20,21,22-32,38-43

Trim panel and method of making a molded article relating to the shape of the retractor member

2. claims: 44-55, 18,19, 33-37

Method and molding sequence with two shut-off members for molding three resins
